

PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/807,096

DATE: 12/21/2001

TIME: 13:15:19

Input Set : A:\13028-002001.txt

Output Set: N:\CRF3\12212001\I807096.raw

ENTERED

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4 <110> APPLICANT: Rattenholl, Anke
5     Schwarz, Elisabeth
6     Grossmann, Adelbert
8 <120> TITLE OF INVENTION: METHOD FOR OBTAINING ACTIVE BETA-NGF
11 <130> FILE REFERENCE: 13028-002001
13 <140> CURRENT APPLICATION NUMBER: 09/807,096
14 <141> CURRENT FILING DATE: 2001-04-09
16 <150> PRIOR APPLICATION NUMBER: PCT/EP99/07613
17 <151> PRIOR FILING DATE: 1999-10-11
19 <150> PRIOR APPLICATION NUMBER: EP 98119077.0
20 <151> PRIOR FILING DATE: 1998-10-09
22 <160> NUMBER OF SEQ ID NOS: 7
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 32
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: primer for PCR
34 <400> SEQUENCE: 1
35 cgggaattcca tatggaacca cactcagaga gc
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 32
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: primer for PCR
45 <400> SEQUENCE: 2
46 cgggatccctt atcatctcac agcctttcta ga
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 672
50 <212> TYPE: DNA
51 <213> ORGANISM: Homo sapiens
53 <220> FEATURE:
54 <221> NAME/KEY: CDS
55 <222> LOCATION: (1)...(666)
57 <400> SEQUENCE: 3
58 atg gaa cca cac tca gag agc aat gtc cct gca gga cac acc atc ccc
59 Met Glu Pro His Ser Glu Ser Asn Val Pro Ala Gly His Thr Ile Pro
60 1 5 10 15
62 caa gtc cac tgg act aaa ctt cag cat tcc ctt gac act gcc ctt cgc
63 ala val his asp thr lys leu gln his ser leu asp thr ala leu arg

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71 Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
72      50      55      60
74 ctc cgt tca ccc cgt gtg ctg ttt agc acc cag cct ccc cgt gaa gct. 240
75 Leu Arg Ser Pro Arg Val Leu Phe Ser Thr Gln Pro Pro Arg Glu Ala
76 65      70      75      80
78 gca gac act cag gat ctg gac ttc gag gtc ggt ggt gct gcc ccc ttc 288
79 Ala Asp Thr Gln Asp Leu Asp Phe Glu Val Gly Gly Ala Ala Pro Phe
80      85      90      95
82 aac agt act cac agg agc aag cgc tca tca tcc cat ccc atc ttc cac 336
83 Asn Arg Thr His Arg Ser Lys Arg Ser Ser Ser His Pro Ile Phe His
84      100      105      110
86 agt ggc gaa ttc tcg gtg tgt gac agt gtc agc gtg tgg gtt ggg gat 384
87 Arg Gly Glu Phe Ser Val Cys Asp Ser Val Ser Val Trp Val Gly Asp
88      115      120      125
90 aag acc acc gcc aca gat atc aag ggc aag gag gtg atg gtg ttg gga 432
91 Lys Thr Thr Ala Thr Asp Ile Lys Gly Lys Glu Val Met Val Leu Gly
92      130      135      140
94 gag gtg aac att aac aac agt gta ttc aaa cag tac ttt ttt gag acc 480
95 Glu Val Asn Ile Asn Asn Ser Val Phe Lys Gln Tyr Phe Phe Glu Thr
96 145      150      155      160
98 aag tgc cgg gac cca aat tcc gtc gac agc ggg tgc cgg ggc att gac 528
99 Lys Cys Arg Asp Pro Asn Ser Val Asp Ser Gly Cys Arg Gly Ile Asp
100      165      170      175
102 tca aag cac tgg aac tca tat tgt acc acg act cac acc ttt gtc aag 576
103 Ser Lys His Trp Asn Ser Tyr Cys Thr Thr Thr His Thr Phe Val Lys
104      180      185      190
106 gcg ctg acc atg gat ggc aag cag gct gcc tgg cgg ttt atc cgg ata 624
107 Ala Ile Thr Met Asp Gly Lys Gln Ala Ala Trp Arg Phe Ile Arg Ile
108      195      200      205
110 gat acg gcc tgt gtg tgt gtg ctc tct aga aag gct gtg aga 666
111 Asp Thr Ala Cys Val Cys Val Leu Ser Arg Lys Ala Val Arg
112      210      215      220
114 tgataa 672
116 <210> SEQ ID NO: 4
117 <211> LENGTH: 222
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 4
122 Met Glu Pro His Ser Glu Ser Asn Val Pro Ala Gly His Thr Ile Pro
123 1      5      10      15
124 Gln Val His Trp Thr Lys Leu Gln His Ser Leu Asp Thr Ala Leu Arg
125      20      25      30
126 Arg Ala Arg Ser Ala Pro Ala Ala Ala Ile Ala Ala Arg Val Ala Gly
127      35      40      45
128 Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
129      50      55      60

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133              85              90              95
134 Asn Arg Thr His Arg Ser Lys Arg Ser Ser Ser His Pro Ile Phe His
135              100              105              110
136 Arg Gly Glu Phe Ser Val Cys Asp Ser Val Ser Val Trp Val Gly Asp
137              115              120              125
138 Lys Thr Thr Ala Thr Asp Ile Lys Gly Lys Glu Val Met Val Leu Gly
139              130              135              140
140 Glu Val Asn Ile Asn Asn Ser Val Phe Lys Gln Tyr Phe Phe Glu Thr
141 145              150              155              160
142 Lys Cys Arg Asp Pro Asn Ser Val Asp Ser Gly Cys Arg Gly Ile Asp
143              165              170              175
144 Ser Lys His Trp Asn Ser Tyr Cys Thr Thr Thr His Thr Phe Val Lys
145              180              185              190
146 Ala Leu Thr Met Asp Gly Lys Gln Ala Ala Trp Arg Phe Ile Arg Ile
147              195              200              205
148 Asp Thr Ala Cys Val Cys Val Leu Ser Arg Lys Ala Val Arg
149 210              215              220
151 <210> SEQ ID NO: 5
152 <211> LENGTH: 7
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 5
157 Met Glu Pro His Ser Glu Ser
158 1 5
160 <210> SEQ ID NO: 6
161 <211> LENGTH: 6
162 <212> TYPE: PRT
163 <213> ORGANISM: Homo sapiens
165 <400> SEQUENCE: 6
166 Arg Val Ala Lys Arg Ser
167 1 5
169 <210> SEQ ID NO: 7
170 <211> LENGTH: 9
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 7
175 Met Glu Pro His Ser Glu Ser Asn Val
176 1 5

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VERIFICATION SUMMARY

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